

1. (Amended) A method of delivering a nucleic acid to an alveolar cell, *in vitro*, comprising administering to the alveolar cell an AAV5 particle containing a vector comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, thereby delivering the nucleic acid to the cell.

B1 2. (Amended) A method of delivering a nucleic acid to an alveolar cell in a subject comprising administering to the subject an AAV5 particle comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, wherein the nucleic acid is delivered intranasally, thereby delivering the nucleic acid to an alveolar cell in the subject.

B2 11. (Amended) The method of any of claims 1-2 and 12-17, wherein the AAV inverted terminal repeats are AAV5 terminal repeats.

Please add the following new claims:

12. A method of delivering a nucleic acid to an alveolar cell in a subject comprising administering to the subject an AAV5 particle comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, wherein the nucleic acid is delivered via aerosol, thereby delivering the nucleic acid to an alveolar cell in the subject.

B3 13. A method of delivering a nucleic acid to an alveolar cell in a subject comprising administering to the subject an AAV5 particle comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, wherein the nucleic acid is delivered via the airway, thereby delivering the nucleic acid to an alveolar cell in the subject.

14. A method of delivering a nucleic acid to a cerebellar cell, in vitro, comprising administering to the cerebellar cell an AAV5 particle containing a vector comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, thereby delivering the nucleic acid to the cell.

15. A method of delivering a nucleic acid to a cerebellar cell in a subject comprising administering to the subject an AAV5 particle comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, wherein the AAV5 particle is delivered directly to the brain of the subject, thereby delivering the nucleic acid to a cerebellar cell in the subject.

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cont
16. A method of delivering a nucleic acid to an ependymal cell, in vitro comprising administering to the ependymal cell an AAV5 particle containing a vector comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, thereby delivering the nucleic acid to an ependymal cell.

17. A method of delivering a nucleic acid to an ependymal cell in a subject comprising administering to the subject an AAV5 particle comprising the nucleic acid inserted between a pair of AAV inverted terminal repeats, wherein the AAV5 particle is delivered directly to the brain of the subject, thereby delivering the nucleic acid to an ependymal cell in the subject.

Please cancel claims 3-10 without prejudice.

REMARKS